STATEMENT

Year-wise physical and financial targets and achievements related to the Scheme on Conservation and Management of mangroves and Coral Reefs and Coastal Shelterbelt Plantation during 2000-01 and 2001-02.

Mangroves:

MANGROVE AREA	Targets	1999-2000		2000-01		2001-02		Total	
		Tar.	Arc.	Tar.	Ach.	Tar	Ach.	Tar.	Ach.
Coringa Krishna East-Godavari	Physical (Ha)	Grants not released		400	400	350	303.70	750	703.70
	Financial (Rs. lakhs)	Grants not released		59.87	53.98	57.18	59.84	117.05	13.82

Coastal Shelterbelt Plantation:

DISTRICT	Targets	1999-2000		2000-01		2001-02		Total	
		Tar	Arc.	Tar.	Ach.	Tar	Ach.	Tar.	Ach.
Srikakulam, Vijayanagram Krishna, Guntur & Nellore	Physical (Ha)	Grants not released.		o	o	2050	1105	2050	1105
	Financial (Rs. lakhs)	Grants not released	79.78	79.76	105.18	99.33	184.96		179.09

Death of tigers/Lions due to trypanosomiasis

1082. SHRI RAMACHANRA KHUNTIA: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Government are aware of the parasitic disease, Trypanosomiasis, among tigers and lions in various zoological parks/wild life sanctuaries across the country;

(b) if so, number of tigers/lions died due to this diseases during the last three years, year-wise and sanctuary-wise; and

(c) the fresh steps taken to check spread of this disease?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI T.R. BAALU): (a) and (b) There are no reports of incidents of wild animals suffering from trypanosomiasis from any wildlife sanctuary. However 14 tigers in Nandan Kanan Zoo and 1 tiger in Hyderabad Zoo died during the last three years due to trypanosomiasis.

(b) The zoos keeping lions and tigers in their collection have been directed to carry out periodic screening against blood borne parasitic diseases and take preventive and prophylactic measures.

Effect of Global Warming

1083. SHRI P. PRABHAKAR REDDY: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Government's atention has been drawn to the news-item captioned, "Global Warming will hit rive, wheat yields", appearing in the Hindu dated 2nd May, 2002;

(b) if so, Government's reaction thereto; and

(c) the measures to be adopted to address problems highlighted in the news-item, to counteract the adverse impact of global warming?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI T.R. BAALU): (a) Yes, Sir.

(b) The impact of global warming on rice and wheat yields depends upon a number of factors like species and cultivar; soil properties; pests and pathogens; direct effect of carbon dioxide on plants; air temperature; water stress; mineral nutrition; air quality and adaptive responses. The Inter Governmental Panel on Climate Change, which has been carrying out comprehensive assessments of potential impacts of climate change has projected in its Third Assessment Report published in 2001 that productivity of cereal crops in most cf tropical and sub-tropical Asia may decline with increases in temperature. Degradation of soil and water resources, processes that are likely to be intensified by changes in temperature and precipitation, would be amongst major challenges for agriculture.

(c) Various programmes and schemes of the Government including those relating to National Watershed Development Project for Rainfed Areas (NWDPRA), Soil conservation for Enhancing Productivity of